

Seasonal source influence on river mass flows of benzotriazoles

Aliz Kiss, Elke Fries*

Supporting Information

1 Table

^a Institute of Environmental Systems Research, University of Osnabrueck, D-49076 Osnabrueck, Germany. Fax: +49 (0)541 969 2599; Tel: +49 (0)541 969 3441; E-mail: efries@uni-osnabrueck.de

TABLE SI-1: Concentrations and mass flows of 1H-BT, 4Me-BT and 5Me-BT in tributaries during different sampling times (values below limit of quantitation are parenthesized).

Concentrations (ng/L)	16-17/01/09			09-13/02/09			24-25/07/09			17-20/11/09			07/02/10			07-09/07/10		
	1H-BT/ 5Me-BT	4Me-BT/ 5Me-BT		1H-BT/ 5Me-BT	4Me-BT/ 5Me-BT		1H-BT/ 5Me-BT	4Me-BT/ 5Me-BT		1H-BT/ 5Me-BT	4Me-BT/ 5Me-BT		1H-BT/ 5Me-BT	4Me-BT/ 5Me-BT		1H-BT/ 5Me-BT	4Me-BT/ 5Me-BT	
Geraethsbach																		
P8	6013	5054	694	1850	1428	262	206	240	107	1160	1123	343	1881	2441	684	900	649	127
Apfelbach																		
P10	<5	26	<4	123	38	(10)	<5	<2	<4	<5	94	(6)	<5	<2	<4	<5	64	(11)
Landgraben																		
P12	<5	<2	<4	2564	1279	183	110	418	73	884	1447	191	1231	2040	222	333	392	46
Hegbach																		
P15	<5	<2	<4	131	29	17	<5	<2	<4	<5	<2	<4	<5	<2	<4			
Mass loads (g/day)																		
Mass loads (g/day)	1H-BT/ 5Me-BT			1H-BT/ 5Me-BT			1H-BT/ 5Me-BT			1H-BT/ 5Me-BT			1H-BT/ 5Me-BT			1H-BT/ 5Me-BT		
Geraethsbach																		
P8	161	131	19.6				3	3	1.31	18	23	5.28						
Apfelbach																		
P10	-	0.27	-				-	-	-	-	0.75	0.04						
Landgraben																		
P12	-	-	-				15.4	58.5	10.2	135	221	29.2						
Hegbach																		
P15	-	-	-				-	-	-	-	-	-						